

Appendix H

Wetland Crossing Tables

Appendix H1

Millennium Pipeline Project – Phase I

Table H1
Wetlands Affected by Construction and Operation of the Millennium Pipeline Project Phase I

Wetland Number	Beginning Milepost	NWI Classification <u>a/</u>	Crossing Length (feet)	NYSDEC Wetland Number	Isolated Wetland <u>b/</u>	Wetlands Affected <u>c/</u>		
						During Construction (acres)	During Operation (acres)	Comments <u>d/</u>
WDLC-002	190.7	PEM/PSS	139		Yes	0.2	0.1	--
WDLC-003	190.8	PEM	74		Yes	0.0	0.0	--
WBMC-110	191.3	PEM/PSS	102		No	0.1	0.1	--
WMEM-001	191.3	PEM	75		Yes	0.1	0.1	--
WLAF-001	191.4	PEM	72		Yes	0.0	0.0	--
WOFF-001	192.2	PFO/PEM	350		No	0.6	0.4	--
WOFF-002	192.3	PFO	149		No	0.3	0.2	--
WMEM-007	192.3	PEM	103		No	0.0	0.0	--
WMEM-006	192.4	PEM	98		Yes	0.0	0.0	--
WMEM-008	192.5	PEM	292		Yes	0.1	0.1	--
WMEM-005	192.8	PEM	177		No	0.1	0.1	--
WMEM-004	192.8	PEM	136		No	0.1	0.1	--
WMEM-003	192.9	PEM	29		Yes	0.0	0.0	--
WMEM-002	192.9	PEM	82		Yes	0.0	0.0	--
WMEM-011	193.0	PEM	47		No	0.0	0.0	--
WLAF-003	193.1	PEM	99		No	0.1	0.1	--
WMEM-012	193.1	PEM	95		Yes	0.1	0.1	--
WMEM-013	193.5	PEM	151		Yes	0.1	0.1	--
WMEM-014	193.5	PEM	44		No	0.0	0.0	--
WMEM-015	193.7	PEM	54		Yes	<0.01	0.0	--
WMEM-016	193.8	PEM	393		No	0.3	0.3	--
WMEM-017	194.2	PEM/PSS	146		No	0.1	0.0	--
WMEM-018	194.2	PEM	42		No	0.0	0.0	--
WMEM-019	194.5	PEM	102		Yes	0.1	0.1	--
WMEM-020	194.6	PEM/PSS	365		No	0.5	0.4	--
WMEM-022	194.9	PEM	189		No	0.1	0.1	--

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						During Construction (acres)	During Operation (acres)	Comments <u>d/</u>
WMEM-021	195.0	PEM	242		No	0.2	0.2	--
WBMC-101	195.6	PEM	571		No	0.5	0.4	--
WOFF-003	195.8	PEM	429		Yes	0.7	0.5	--
WBMC-213	196.1	PEM	12		No	<0.01	0.0	--
Access Road								
WBMC-214	ARD1962-05	PEM	17		Yes	<0.01	0.0	--
WBMC-102	196.7	PEM/PFO	51		No	0.1	0.1	--
WDLC-005	198.2	PEM/PFO	76		Yes	0.1	0.1	A
WDLC-007	198.6	PSS/PEM	85	HH-2	No	0.1	0.1	A
WDLC-008	198.6	PSS/PEM	466	HH-2	No	0.8	0.5	A
WDLC-009	199.0	PEM	191		No	0.3	0.2	A
WDLC-011	199.4	PEM/POW	78		Yes	0.1	0.1	A
WOFF-010	199.7	POW	103		Yes	0.2	0.1	A
WOFF-013	200.9	PEM/PSS	89		No	0.0	0.0	A
WOFF-014	201.2	PFO/PEM	131		Yes	0.1	0.1	A
WDLC-060	201.5	PEM	59		No	0.0	0.0	A
WDLC-061	201.6	PEM	62		No	0.1	0.1	A
WDLC-062	201.7	PEM/PSS	218		No	0.2	0.2	A
WDLC-063	201.9	PEM	98		No	0.2	0.1	A
WDLC-064	202.0	PFO	145		Yes	0.2	0.1	A
WOFF-020	203.0	PEM	133		No	0.2	0.1	A
Access Road								
WLAF-006	ARD2036-04	PEM	46		Yes	<0.01	0.0	--
WLAF-007	204.0	PEM/PFO	78		Yes	0.1	0.1	--
WLAF-008	204.1	PEM	30		Yes	0.0	0.0	--
WDLC-065	204.3	PFO/PEM	105		Yes	0.1	0.1	--
WDLC-066	204.5	PEM	118		No	0.2	0.1	--

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						During Construction (acres)	During Operation (acres)	Comments <u>d/</u>
WMEM-142	205.3	PEM	39		Yes	0.0	0.0	--
WMEM-140	205.3	PEM	20		Yes	0.0	0.0	--
WMEM-141	205.3	PEM	60		Yes	0.0	0.0	--
WMEM-139	205.4	PEM	174		No	0.1	0.1	--
WMEM-138	205.5	PEM/PSS	433		No	0.3	0.2	--
WMEM-137	206.0	PEM	131		Yes	0.0	0.0	--
WMEM-136	206.1	PEM	411		No	0.2	0.2	--
WMEM-135	206.2	PEM	217		Yes	0.0	0.0	--
WMEM-134	206.4	POW/PEM/PSS	270	ER-1	No	0.4	0.3	--
WDLC-040	206.7	PEM	412		Yes	0.5	0.3	--
WDLC-041	206.8	PEM	260		Yes	<0.01	0.0	--
WOFF-021	207.9	PFO	687		No	1.2	0.8	--
WDLC-030	208.7	PEM	1,719		No	1.1	1.1	--
WDLC-031	209.0	PEM	463		Yes	0.3	0.3	--
WDLC-032	209.6	PEM/PFO	894		No	0.8	0.7	--
WDLC-033	209.8	PEM/PFO	401		No	0.3	0.3	--
WDLC-034	209.9	PEM	36		No	0.0	0.0	--
WDLC-035	210.2	PEM	110		No	0.1	0.1	--
WDLC-036	210.3	PEM	163		Yes	0.1	0.1	--
WOFF-022	210.4	PEM	160		Yes	0.3	0.2	--
WDLC-038	210.9	PEM	74		No	0.1	0.0	--
WDLC-039	210.9	PEM/PSS	298		No	0.4	0.3	--
WMEM-313	211.0	PEM	43		No	0.0	0.0	--
WDLC-015	212.0	PEM	214		No	0.3	0.2	--
WDLC-043	213.3	PEM/PFO	679		Yes	0.4	0.3	--
WDLC-044	213.3	PEM/PFO	187		No	0.2	0.1	--

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						During Construction (acres)	During Operation (acres)	
WMEM-304	213.4	PEM	56		No	0.0	0.0	--
WOFF-026	214.3	PEM	158		No	0.3	0.2	--
WDLC-017	214.9	PEM/PFO	575		No	0.9	0.6	--
WDLC-018	215.0	PEM	161		No	0.4	0.2	--
WDLC-019	215.4	PEM	219		No	0.0	0.0	--
WDLC-020	215.5	PEM	370		No	0.1	0.1	--
WDLC-021	216.0	PEM/PFO	379		No	0.6	0.4	--
WDLC-023	216.1	PEM	333		No	0.2	0.2	--
WDLC-024	216.2	PEM	194		No	0.0	0.0	--
WDLC-025	216.3	PEM/PFO	183		No	0.2	0.2	--
WDLC-026	216.4	PEM	323		Yes	0.2	0.2	--
WDLC-027	216.9	PEM	902		Yes	0.9	0.8	--
WDLC-028	217.3	PEM	101		Yes	0.1	0.0	--
WMEM-023	217.4	PEM/PSS	177		No	2.1	1.2	--
WMEM-024	217.5	PEM	158		No	0.0	0.0	--
WMEM-025	217.6	PEM	424		No	0.1	0.1	--
WMEM-028	218.3	PEM	204		Yes	0.1	0.1	--
WMEM-029	218.9	PEM	314		No	0.1	0.1	--
WDLC-046	220.3	PEM	162		No	0.1	0.1	--
WDLC-047	220.5	PEM/PSS	116		No	0.1	0.1	--
WDLC-048	221.3	PEM	245		No	0.1	0.1	--
WMEM-314	221.5	PEM	127		Yes	0.1	0.1	--
WDLC-049	222.6	PFO	35		No	0.0	0.0	--
WDLC-052a	222.9	PEM	150		No	0.2	0.1	--
WDLC-051a	223.0	PEM	285		No	0.4	0.2	--
WDLC-050	223.1	PEM	176		No	0.3	0.2	--

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						During Construction (acres)	During Operation (acres)	
WOFF-028	223.5	PEM/PFO	717		Yes	1.3	0.8	--
WOFF-029	223.8	PFO	188		No	0.3	0.2	--
WOFF-030	224.5	PEM	92		No	0.2	0.1	--
WBMC-022	224.5	PEM/PSS	132		No	0.2	0.1	--
WBMC-023	224.6	PEM/PFO	255		No	0.4	0.2	--
WBMC-024	224.6	PEM/PFO	60		No	0.1	0.1	--
WOFF-034	224.7	PEM/PSS	186		No	0.3	0.2	--
WOFF-035	224.8	PEM/PSS	72		No	0.1	0.1	--
WOFF-036	224.8	PEM	499		No	0.9	0.6	--
WBMC-021	226.1	PEM	259		Yes	0.3	0.1	--
WBMC-019	226.6	PEM	392		No	0.5	0.4	--
WBMC-020	226.8	PEM	137		No	0.2	0.1	--
WBMC-018	227.2	PEM/PSS	205		No	<0.01	0.0	--
WBMC-017	228.3	PEM/PFO	201		No	0.5	0.2	--
WBMC-014	228.8	PEM	389		Yes	0.1	0.1	--
WBMC-013	228.9	PEM	72		No	0.0	0.0	--
WBMC-012	229.2	PEM/PSS	295		No	0.3	0.1	--
WBMC-011	229.6	PEM	59		Yes	0.0	0.0	--
WBMC-008	230.2	PEM/POW	218		No	0.2	0.2	--
Access Road								
WCJW-005	ELCC2001	PEM/PSS	470		No	0.1	0.0	--
WBMC-007	231.0	PEM	385		No	0.4	0.1	--
WBMC-040	232.4	PEM	240		Yes	0.2	0.1	B
WBMC-041	232.4	PEM/PSS	160		Yes	0.1	0.0	B
WBMC-042	232.6	PEM	36		Yes	0.0	0.0	B
WBMC-043	232.6	PEM	116		Yes	0.1	0.0	B

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						During Construction (acres)	During Operation (acres)	
WBMC-044	232.6	PEM	29		Yes	0.0	0.0	B
WBMC-045	232.7	PEM	228		Yes	0.1	0.1	B
	Access Road							
WBMC-046	Eabbott34c	PEM	84		Yes	<0.01	0.0	B
WBMC-047	232.8	PEM	121		Yes	0.0	0.0	B
WBMC-048	232.9	PEM/PFO	376		No	0.4	0.3	B
WBMC-048	232.9	PEM/PFO	132		No	0.4	0.3	B
WBMC-053	233.2	PFO	51		No	0.0	0.0	B
WBMC-054	233.3	PEM/PSS	89		No	0.1	0.1	B
WBMC-055	233.4	PEM/PSS	45		Yes	<0.01	0.0	B
WBMC-056	233.4	POW	155		No	0.1	0.0	B
WBMC-057	233.7	PEM	270		No	0.4	0.3	B
WBMC-057	233.8	PEM	324		No	0.4	0.3	B
WBMC-057	233.9	PEM	66		No	0.4	0.3	B
WBMC-058	234.2	PEM	30		No	0.0	0.0	B
WBMC-060	234.6	PEM/PFO	77		Yes	0.1	0.1	B
WBMC-061	234.9	PEM	73		Yes	0.0	0.0	B
WBMC-064	235.0	PEM	21		Yes	<0.01	0.0	B
WBMC-066	235.2	PEM	135		No	0.1	0.1	B
WBMC-068	235.5	PEM	315		No	0.3	0.3	B
WBMC-068	235.5	PEM	59		No	0.3	0.3	B
WBMC-070	235.6	PEM	92		No	0.1	0.1	B
WBMC-072	235.6	PEM	38		No	0.0	0.0	B
WBMC-073	235.9	POW	128		No	0.1	0.0	B
WBMC-074	236.2	PEM/PFO	314		Yes	0.5	0.3	B
WBMC-075	236.3	PEM/PFO	105		Yes	0.1	0.1	B

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						During Construction (acres)	During Operation (acres)	
WBMC-078	237.0	PEM	39		Yes	0.0	0.0	B
WBMC-077	237.2	PEM/PSS	62		No	0.0	0.0	B
WBMC-082	237.7	PEM	35		No	0.0	0.0	B
WBMC-081	237.7	POW/PEM	96		No	0.1	0.1	B
WBMC-079	237.9	PEM	65		Yes	0.0	0.0	B
WBMC-084	238.3	PEM	212		Yes	0.2	0.2	B
WBMC-085	238.3	PEM/PSS	85		Yes	0.1	0.1	B
WBMC-087	238.8	PEM	140		No	0.0	0.0	B
WBMC-088	238.8	PEM	108		No	0.1	0.1	B
WBMC-089	239.0	PEM	54		No	0.0	0.0	B
WBMC-090	239.4	PEM	101		Yes	0.1	0.0	B
WBMC-091	240.7	PSS/PEM	16	ME-4	No	0.3	0.2	B
WBMC-091	240.7	PSS/PEM	202	ME-4	No	0.3	0.2	B
WBMC-092	240.8	PEM	13		No	0.0	0.0	B
WBMC-095	241.3	PEM	62		Yes	0.0	0.0	B
WBMC-097	241.4	PEM	118		Yes	0.0	0.0	B
WBMC-098	241.5	PEM	11		Yes	0.0	0.0	B
WBMC-099	241.5	PEM	22		Yes	<0.01	0.0	B
WBMC-100	241.5	PEM	172		Yes	0.3	0.2	B
WOFF-037	241.7	PEM	56		Yes	0.1	0.1	B
WOFF-038	241.8	PEM	62		Yes	0.1	0.1	B
WOFF-039	241.9	PEM/PSS	70		Yes	0.1	0.1	B
WOFF-040	242.0	PEM	63		Yes	0.1	0.1	B
WBMC-202	243.0	PEM/POW	128		No	0.0	0.0	B
WBMC-204	243.1	PEM	137		No	0.1	0.1	B
WBMC-205	243.1	PEM	221		No	0.2	0.1	B

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						During Construction (acres)	During Operation (acres)	Comments <u>d/</u>
WBMC-207	243.8	PEM/PSS	490		No	0.5	0.4	B
WBMC-208	243.9	PEM/PSS	467		No	0.2	0.2	B
WJMD-001	244.9	PEM	11		Yes	0.0	0.0	--
WJMD-002	244.9	PFO/PEM	133		No	0.2	0.1	--
WJMD-003	244.9	PEM	15		Yes	0.0	0.0	--
WJMD-004	245.0	PEM	80		Yes	0.0	0.0	--
WJMD-007	245.2	PEM	44		Yes	<0.01	0.0	--
WJMD-009	245.4	PFO/PEM/PSS	768		No	0.8	0.6	--
WJMD-010	245.6	PEM/PSS	405		No	0.5	0.3	--
WJMD-010	245.6	PEM/PSS	12		No	0.5	0.3	--
WJMD-011	245.8	PEM/PSS	379		No	0.8	0.3	--
WJMD-012	246.0	PFO/PEM	245		No	0.3	0.2	--
WJMD-013	246.4	PFO/PEM	509		Yes	0.8	0.5	--
WOFF-041	246.8	PEM	243		Yes	0.4	0.3	--
WOFF-042	247.0	PEM	352		No	0.9	0.4	--
WJMD-017	247.3	PEM	543		No	1.0	0.6	--
WJMD-019	248.0	PFO/PEM	220		No	0.2	0.1	--
WJMD-020	248.2	PFO/PEM	133		No	0.2	0.1	--
WJMD-021	248.3	PFO/PEM	809		No	0.6	0.6	--
WOFF-043	249.4	PEM	25		No	0.0	0.0	--
WBMC-227	249.6	PEM/PSS	227		Yes	0.3	0.2	--
WBMC-225	249.9	PEM/PFO/PSS	74	CC-12	No	0.2	0.1	--
WBMC-223	249.6	PEM	11		No	0.0	0.0	--
WBMC-224	249.6	PEM	31		No	0.0	0.0	--
WBMC-226	249.9	PEM	66		No	0.0	0.0	--
WMEM-132	250.5	PSS	32		No	0.0	0.0	--

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						During Construction (acres)	During Operation (acres)	Comments ^{d/}
WMEM-131	250.8	PEM	88		Yes	0.0	0.0	--
WMEM-130	250.8	PEM	201		Yes	0.1	0.1	--
WMEM-129	250.9	PEM	82		Yes	0.1	0.0	--
WBMC-004	251.7	PEM/PFO	485		No	0.9	0.5	--
WBMC-003	252.1	PEM/PSS	54		Yes	0.0	0.0	--
WBMC-002	252.1	PEM/PSS	387		No	0.6	0.4	--
WBMC-001	252.2	PEM/PSS	255		No	0.1	0.1	--
WOFF-046	252.6	PEM	489		Yes	2.3	0.6	--
WOFF-047	253.3	PEM	968		No	1.7	1.1	--
WDLC-052b	253.9	PEM/PSS	56		No	0.1	0.0	--
WOFF-049	254.3	PEM	94		Yes	0.2	0.1	--
WMEM-101	254.8	PEM	34		Yes	0.0	0.0	--
WMEM-100	254.8	PEM	63		No	0.1	0.1	--
WMEM-102	254.8	PEM	203		No	0.2	0.2	--
WMEM-103	255.2	PEM	124		No	0.1	0.0	--
WOFF-051	255.6	PSS	135		No	0.2	0.2	--
WOFF-052	255.8	PEM	42		No	0.1	0.0	--
WDLC-068	256.9	PEM	28		Yes	0.0	0.0	--
WDLC-069	257.0	PEM	234		No	0.2	0.2	--
WDLC-070	257.6	PEM/PFO	182		No	0.1	0.1	--
WDLC-071	257.8	PEM/PFO	130		No	0.1	0.1	--
WDLC-074	258.3	PEM/PFO	152		Yes	0.1	0.1	--
WDLC-075	258.5	PFO	418		No	0.7	0.4	--
WDLC-076	258.5	PEM/PFO	124		No	0.1	0.1	--
WDLC-077	258.9	PFO/PEM/PSS	805		No	0.8	0.6	--
WMEM-128	259.2	PEM	194		Yes	0.2	0.2	--

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						During Construction (acres)	During Operation (acres)	Comments <u>d/</u>
WMEM-127	259.3	PEM	184		Yes	0.2	0.1	--
WMEM-126	259.4	PEM	82		Yes	0.0	0.0	--
WMEM-125	259.4	PEM/PFO	135		No	0.1	0.1	--
WMEM-305	259.8	PEM	66		Yes	0.1	0.1	--
WMEM-121	259.9	PEM/PSS/PFO	394		Yes	0.2	0.2	--
WMEM-120	260.2	PEM/PSS/PFO	613		No	0.8	0.6	--
WMEM-119	260.3	PEM	89		Yes	0.1	0.1	--
WMEM-306	260.4	PEM	170		Yes	0.1	0.1	--
WJMD-087	260.5	PEM/PFO	321		No	0.3	0.2	--
WJMD-086	260.5	PFO/PEM	177		No	0.1	0.1	--
WJMD-085	260.7	PEM/PFO/PSS	459		No	0.7	0.4	--
WJMD-085	260.8	PEM/PFO/PSS	11		No	0.7	0.4	--
WJMD-084	260.8	PEM/PSS	150		No	0.1	0.1	--
WJMD-083	261.0	PEM/PSS/PFO	1,120		No	1.5	1.1	--
WJMD-082	261.2	PFO/PEM	878		No	0.8	0.6	--
WJMD-081	261.3	PEM/PFO/PSS	151		No	0.1	0.1	--
WJMD-080	261.3	PEM	31		No	0.0	0.0	--
WJMD-079	261.4	PEM/PFO	532		No	0.2	0.2	--
WJMD-055	261.9	PEM/PFO	1,644		No	0.5	0.5	--
WJMD-054	262.2	PEM/PSS	259		No	0.1	0.1	--
WJMD-053	262.3	PEM/PSS	252		No	0.3	0.2	--
WJMD-052	262.4	PEM	246		No	0.2	0.2	--
WJMD-051	262.4	PEM/PFO	135		Yes	0.1	0.1	--
WJMD-050	262.4	PEM	62		No	0.0	0.0	--
WJMD-049	262.5	PEM	110		No	0.1	0.1	--
WJMD-048	262.6	PEM/PFO	444		No	0.7	0.5	--

Table H1
Wetlands Affected by Construction and Operation of the Millennium Pipeline Project Phase I

Wetland Number	Beginning Milepost	NWI Classification <u>a/</u>	Crossing Length (feet)	NYSDEC Wetland Number	Isolated Wetland <u>b/</u>	Wetlands Affected <u>c/</u>		
						During Construction (acres)	During Operation (acres)	Comments <u>d/</u>
WJMD-047	262.8	PFO/PEM/PSS	119		No	0.1	0.1	--
WJMD-046	263.0	PFO/PEM/PSS	566		No	0.9	0.5	--
WBMC-039	263.1	PEM	256		No	0.3	0.1	--
WBMC-038	263.2	PEM	5		No	0.0	0.0	--
WBMC-033	263.8	PEM	147		No	0.1	0.1	--
WBMC-034	263.9	PEM	253		No	0.3	0.3	--
WBMC-035	264.0	PEM	291		Yes	0.3	0.3	--
WBMC-032	264.1	PEM	43		Yes	0.0	0.0	--
WBMC-030	264.2	PEM/PSS	98		No	0.3	0.2	--
WBMC-030	264.2	PEM/PSS	194		No	0.3	0.2	--
WBMC-031	264.2	PEM	17		No	<0.01	0.0	--
WBMC-030	264.2	PEM/PSS	74		No	0.3	0.2	--
WBMC-029	264.3	PEM/PSS	98		No	0.0	0.0	--
WBMC-028	264.4	PEM	70		Yes	0.1	0.1	--
WBMC-027	264.4	PEM	95		Yes	0.1	0.0	--
WBMC-026	264.5	PEM	44		No	0.0	0.0	--
WBMC-025	264.5	POW/PEM/PSS	87		No	0.1	0.0	--
WBMC-026	264.5	PEM	15		No	0.0	0.0	--
WBMC-026	264.5	PEM	15		No	0.0	0.0	--
WBMC-036	264.5	PEM	55		Yes	0.1	0.1	--
WBMC-037	264.6	PEM	42		Yes	0.0	0.0	--
WBMC-005	264.7	PSS/PEM	260		Yes	0.5	0.2	--
WJMD-076	265.7	PFO/PEM	114		Yes	0.1	0.1	--
WJMD-077	265.7	PEM/PFO	397		Yes	0.4	0.3	--
WBMC-212	265.9	PSS	124		No	0.1	0.1	--
WBMC-105	266.8	PEM	193		No	0.2	0.1	--

Table H1
Wetlands Affected by Construction and Operation of the Millennium Pipeline Project Phase I

Wetland Number	Beginning Milepost	NWI Classification <u>a/</u>	Crossing Length (feet)	NYSDEC Wetland Number	Isolated Wetland <u>b/</u>	Wetlands Affected <u>c/</u>		
						During Construction (acres)	During Operation (acres)	Comments <u>d/</u>
WBMC-107	266.9	PEM	133		No	0.0	0.0	--
WOFF-054	267.8	PEM	134		No	0.2	0.2	--
WOFF-055	268.0	PEM/PFO	254		Yes	0.4	0.3	--
WOFF-056	268.3	PEM/PFO	710		No	1.2	0.8	--
WOFF-057	268.6	PEM/PFO	148		No	0.3	0.2	--
WOFF-058	268.6	PEM/PFO	306		No	0.5	0.3	--
WJMD-059	269.1	PEM	1,072		No	0.4	0.3	--
WJMD-060	269.2	PEM	424		No	0.3	0.3	--
WJMD-061	269.3	PEM	47		No	0.0	0.0	--
WJMD-062	269.3	PEM	21		Yes	0.0	0.0	--
WJMD-023	269.4	PEM	25		No	<0.01	0.0	--
WJMD-024	269.4	PEM	52		No	0.0	0.0	--
WJMD-025	269.5	PEM	44		No	0.0	0.0	--
WJMD-025	269.5	PEM	46		No	0.0	0.0	--
WJMD-026	269.7	PEM	46		No	0.0	0.0	--
WJMD-027	270.0	PEM/PSS/PFO	666		No	0.6	0.4	--
WJMD-028	270.0	PEM	136		No	0.3	0.1	--
WJMD-029	270.2	PEM	74		Yes	0.1	0.1	--
WJMD-069	270.3	PEM	54		Yes	0.1	0.0	--
WJMD-071	270.4	PEM	106		No	0.1	0.1	--
WJMD-072	270.4	PEM	33		Yes	0.0	0.0	--
WJMD-073	270.5	PEM	68		No	0.0	0.0	--
WJMD-074	270.5	PEM	88		No	0.1	0.1	--
WJMD-066	Access Road							
	ARD2705-05	PEM	180		No	0.0	0.0	--
WJMD-067	Access Road							
	ARD2705-05	PEM	24		No	<0.01	0.0	--

Table H1
Wetlands Affected by Construction and Operation of the Millennium Pipeline Project Phase I

Wetland Number	Beginning Milepost	NWI Classification ^{a/}	Crossing Length (feet)	NYSDEC Wetland Number	Isolated Wetland ^{b/}	Wetlands Affected ^{c/}		
						During Construction (acres)	During Operation (acres)	Comments ^{d/}
WJMD-075	270.5	PEM/PFO	61		Yes	0.1	0.0	--
WLAN-001	270.9	PEM/PFO	363		Yes	0.3	0.1	--
WJMD-031	271.2	PEM/PSS	275		No	0.2	0.2	--
WJMD-032	271.3	PEM/PSS	111		No	0.1	0.1	--
WJMD-033	271.3	PEM	82		No	0.1	0.1	--
WJMD-033B	271.4	PEM	141		No	0.2	0.1	--
WJMD-034	271.4	PFO/PEM	168		No	0.2	0.2	--
WJMD-036	271.6	PEM	69		No	0.1	0.1	--
WJMD-036	271.6	PEM	20		No	0.1	0.1	--
WOFF-061	271.7	PSS/PFO	236		Yes	0.4	0.3	--
WLAN-004	272.1	PFO	28		Yes	<0.01	0.0	--
WLAN-005	272.1	PFO	11		Yes	<0.01	0.0	--
WBMC-200	272.4	PEM/PSS/PFO	1,149		No	1.9	1.1	--
WOFF-065	273.1	PSS/PEM	200		Yes	0.4	0.2	--
WJMD-058	273.2	PEM/PFO	1,089		No	1.8	1.2	--
WJMD-037	273.8	PEM	217		No	0.2	0.2	--
WJMD-037	273.8	PEM	132		No	0.2	0.2	--
WJMD-038	273.9	PEM/PSS	514		No	0.5	0.4	--
WJMD-039	274.0	PEM	165		No	0.7	0.5	--
WJMD-039	274.0	PEM	412		No	0.7	0.5	--
WJMD-040	274.1	PEM	28		No	0.0	0.0	--
WJMD-041REV	274.1	PEM	172		No	0.2	0.1	--
WJMD-042	274.1	PEM	15		Yes	<0.01	0.0	--
WJMD-043	274.2	PEM	90		Yes	0.1	0.1	--
WJMD-044	274.3	PEM	20		No	0.0	0.0	--
WMEM-118	274.6	PEM	170		No	0.2	0.1	--

Table H1
Wetlands Affected by Construction and Operation of the Millennium Pipeline Project Phase I

Wetland Number	Beginning Milepost	NWI Classification <u>a/</u>	Crossing Length (feet)	NYSDEC Wetland Number	Isolated Wetland <u>b/</u>	Wetlands Affected <u>c/</u>		Comments <u>d/</u>
						During Construction (acres)	During Operation (acres)	
WMEM-118	274.7	PEM	48		No	0.2	0.1	--
WMEM-117	274.7	PEM	152		No	0.2	0.2	--
WMEM-116	274.8	PEM	90		Yes	0.1	0.1	--
WMEM-115	274.8	PEM	120		Yes	0.1	0.1	--
WMEM-113	275.4	PEM/PSS	17		No	0.0	0.0	--
WMEM-112	275.9	PEM	50		No	<0.01	0.0	--
WBMC-219	276.1	PEM	16		Yes	0.0	0.0	--
WOFF-066	276.8	PEM/PFO	548		No	0.9	0.6	--
WBMC-215	277.4	PFO	290		Yes	0.1	0.1	--
WJMD-064	278.0	PEM	81		Yes	0.1	0.1	--
WJMD-065	278.1	PEM	151		Yes	0.2	0.1	--
WMEM-111	278.1	PEM	339		No	0.2	0.2	--
WJMD-078	278.4	PFO/PEM	1,546		No	1.3	1.0	--
Access Road								
WBMC-218	ARD2794-05	PEM	97		No	<0.01	0.0	--
WBMC-217	279.9	PEM	78		No	0.0	0.0	--
WOFF-068	279.4	PEM	130		No	0.2	0.1	--
WOFF-069	279.4	PEM	34		No	0.1	0.0	--
WOFF-070	279.4	PEM	191		No	0.3	0.2	--
WOFF-071	279.5	PEM	114		No	0.2	0.1	--
WBMC-216	280.0	PEM	25		Yes	<0.01	0.0	--
WMEM-107	280.8	PEM	51		No	0.0	0.0	--
WMEM-108	281.3	PEM/PSS	180		No	0.2	0.2	--
WMEM-109	281.3	PEM/PSS	21		No	0.0	0.0	--
WMEM-109	281.3	PEM/PSS	36		No	0.0	0.0	--
WMEM-110	282.7	PFO	54		Yes	0.0	0.0	--

Table H1
Wetlands Affected by Construction and Operation of the Millennium Pipeline Project Phase I

Wetland Number	Beginning Milepost	NWI Classification <u>a/</u>	Crossing Length (feet)	NYSDEC Wetland Number	Isolated Wetland <u>b/</u>	Wetlands Affected <u>c/</u>		Comments <u>d/</u>
						During Construction (acres)	During Operation (acres)	
Access Road								
WBMC-109	ARD2831-05	PEM/PSS	33		No	0.0	0.0	--
WOFF-075	284.4	PSS/PEM	174		No	0.5	0.2	C
WOFF-076	284.7	PEM/PSS	307		No	0.5	0.3	C
WOFF-077	284.9	PEM/PFO	25		No	0.2	0.1	--
WOFF-078	285.0	PEM/PFO	174		No	0.3	0.2	--
W497	285.9	PEM/PSS	196		No	0.3	0.2	--
W498	286.1	PEM/PFO	364		No	0.6	0.4	--
W499	286.1	PEM	110		No	0.2	0.1	--
W500	286.2	PEM	257		No	0.4	0.3	--
W501	286.5	PEM/PSS	203		No	0.4	0.2	--
W501.1	287.3	PEM/PSS	85		No	0.1	0.0	--
W502	290.5	PEM	145		No	0.3	0.2	--
W503	291.5	PEM	124		No	0.1	0.0	--
W503.1	291.6	PEM/PSS	145		No	0.1	0.1	--
W503.2	291.6	PEM	15		No	<0.01	0.0	--
W503.3	291.7	PEM	15		No	<0.01	0.0	--
W504	291.8	PEM	485		No	0.9	0.5	--
W505	292.0	PFO/PEM	157		No	0.3	0.2	--
W506	292.1	POW/PEM	772	FE-14	No	1.4	0.9	--
W506.1	293.0	PEM/PSS	151		Yes	0.2	0.1	--
W506.2	293.0	PEM	264		Yes	0.1	0.1	--
W507	293.4	PSS/POW	230		No	0.5	0.3	--
W508	294.5	PEM	232		No	0.1	0.1	--
W508.1	295.1	PEM	241		Yes	0.1	0.0	--
W508.2	295.1	PEM	143		Yes	0.1	0.1	--

Table H1
Wetlands Affected by Construction and Operation of the Millennium Pipeline Project Phase I

Wetland Number	Beginning Milepost	NWI Classification ^{a/}	Crossing Length (feet)	NYSDEC Wetland Number	Isolated Wetland ^{b/}	Wetlands Affected ^{c/}		
						During Construction (acres)	During Operation (acres)	Comments ^{d/}
W509	295.2	PEM	45		No	0.1	0.1	--
W510	295.5	PEM/PFO	79		No	0.1	0.1	--
W511	295.6	PEM	50		No	0.1	0.0	--
W511.1	297.3	PEM	92		No	0.0	0.0	--
W512	298.4	PFO	135		No	0.3	0.2	--
W512.1	299.4	PEM	29		No	<0.01	0.0	--
W512.2	300.5	PEM	158		Yes	0.1	0.1	--
W512.3	300.5	PEM	144		Yes	0.0	0.0	--
W512.4	300.6	PEM	273		No	0.3	0.2	--
W513	302.1	PEM/PFO	50		No	0.1	0.1	--
W514	304.3	PEM	59	CA-13	No	0.1	0.1	--
W515	304.4	PFO	183	CA-13	No	0.3	0.2	--
W516	304.8	PEM/POW	75		No	0.1	0.1	--
W517	304.9	PFO/PEM	180		No	0.5	0.2	--
W517.1	305.8	PEM	304		No	0.6	0.3	--
W519	309.7	PFO/PEM	432		No	0.9	0.5	--
W520	309.8	PFO/PEM	169		No	0.3	0.2	--
W521	312.7	PEM	303		No	0.6	0.3	--
W522	313.9	PEM/PFO	342		No	0.6	0.4	--
W523	314.8	PEM/PFO	165		No	0.3	0.2	--
W523.1	315.0	PEM/PFO	100		Yes	0.1	0.1	--
W524	315.3	PEM	169		No	0.3	0.2	--
W525	316.4	PEM	152		No	0.3	0.2	--
W526.1	317.2	PEM/PFO	74		No	0.1	0.1	--
W526.2	317.6	PEM/PFO	80		No	0.1	0.1	--
W527	317.9	POW/PEM	261	LH-55	No	0.5	0.3	--

Table H1
Wetlands Affected by Construction and Operation of the Millennium Pipeline Project Phase I

Wetland Number	Beginning Milepost	NWI Classification <u>a/</u>	Crossing Length (feet)	NYSDEC Wetland Number	Isolated Wetland <u>b/</u>	Wetlands Affected <u>c/</u>		Comments <u>d/</u>
						During Construction (acres)	During Operation (acres)	
W528	318.9	PEM/PFO	216	EL-2	No	0.5	0.4	--
W528	319.0	PEM/PFO	108	EL-2	No	0.5	0.4	--
W529.1	319.7	PEM	50		Yes	0.0	0.0	--
W530	320.1	POW	146		No	0.3	0.2	--
W530.1	320.4	PEM	286		No	0.5	0.3	--
W531	320.7	PEM/PFO	1,090	EL-21	No	1.9	1.2	--
W532	321.1	PEM/PFO	218		No	0.4	0.2	--
W533	321.3	PSS/PEM	239	EL-22	No	0.4	0.3	--
W534	321.5	PEM/PSS	263	EL-22	No	0.4	0.3	--
W535a	322.0	PEM/PFO	124	EL-34	No	0.2	0.1	--
W535b	322.2	PEM/PFO	210	EL-34	No	0.4	0.2	--
W536	322.3	PEM	589	EL-34	No	1.0	0.7	--
W537	322.4	PEM	68	EL-34	No	0.2	0.1	--
W539	322.7	PEM/PFO	355		No	0.6	0.4	--
W540	323.6	PEM/PFO	233		No	0.4	0.3	--
W541	323.8	PEM/PSS/PFO	375	HL-28	No	0.7	0.4	--
W542	325.2	PEM/PFO	322		No	0.6	0.4	--
W544	326.0	PEM	344	HL-43	No	0.6	0.4	--
W545	326.8	PSS/PFO	433		No	0.8	0.5	--
W546	327.0	PEM/PSS/PFO	959		No	1.7	1.1	--
W547	327.2	PSS/PEM	453		No	0.8	0.5	--
W548	327.8	PSS	153		No	0.3	0.2	--
W549	328.8	PEM/PFO	342		No	0.7	0.4	--
W549.2	329.9	PEM/POW	577		No	1.1	0.5	--
W549.3	330.3	PEM	801		No	0.1	0.0	--
W549.4	330.5	PEM	73		Yes	0.0	0.0	--

Table H1
Wetlands Affected by Construction and Operation of the Millennium Pipeline Project Phase I

Wetland Number	Beginning Milepost	NWI Classification <u>a/</u>	Crossing Length (feet)	NYSDEC Wetland Number	Isolated Wetland <u>b/</u>	Wetlands Affected <u>c/</u>		
						During Construction (acres)	During Operation (acres)	Comments <u>d/</u>
W549.5	330.8	PEM	46		No	0.0	0.0	--
W550	330.8	PEM/PFO	242		No	0.2	0.1	--
W550.1	331.1	PEM	62		Yes	0.0	0.0	--
W550.2	331.7	PEM	64		Yes	0.0	0.0	--
W551.1	332.4	PEM/PFO	98		No	0.1	0.1	--
W552	333.1	PEM/PFO	299		No	0.3	0.2	--
W553	333.5	PEM/PFO	94		No	0.2	0.1	--
W554	334.0	PEM/PFO/PSS	500		No	0.9	0.6	--
W555	334.5	PEM	740	PN-9	No	1.3	0.8	--
W556	335.3	PEM/PSS/PFO	921	PN-14	No	1.7	1.0	--
W557	335.5	PFO/PSS/PEM	276		No	0.5	0.3	--
W559	336.2	PEM	50		No	0.1	0.1	--
W560	336.6	PEM	203		No	0.4	0.2	--
W561	337.1	PEM/PSS	279	PN-23	No	0.5	0.3	--
W562	337.6	PEM/PFO	1,145	PN-26	No	2.0	1.3	--
W577	343.9	PEM/PSS	177		No	0.4	0.2	--
W595	347.7	PEM/POW	288		No	0.7	0.3	--
W596	348.2	PEM/PSS	272		No	0.5	0.3	--
W597	348.4	PFO	246		No	0.4	0.3	--
W598	348.5	PEM	300		No	0.5	0.3	--
W598.1	348.9	PEM	133		Yes	0.2	0.1	--
W598.2	349.2	PEM	54		Yes	0.0	0.0	--
W599	349.7	PFO	85	UN-18	No	0.2	0.1	--
W599.1	350.1	PSS/PEM	134		No	0.2	0.2	--
W601	350.7	PFO	65		No	0.1	0.1	--
W0.01PI	351.1	PFO/PEM	323		No	0.5	0.4	D

Table H1
Wetlands Affected by Construction and Operation of the Millennium Pipeline Project Phase I

Wetland Number	Beginning Milepost	NWI Classification ^{a/}	Crossing Length (feet)	NYSDEC Wetland Number	Isolated Wetland ^{b/}	Wetlands Affected ^{c/}		
						During Construction (acres)	During Operation (acres)	Comments ^{d/}
W0.1PI	351.3	POW	180		No	0.3	0.2	D
W0.2PI	351.8	POW	87		No	0.1	0.1	--
W1PI	352.4	PSS/PEM	339	PI-13	No	0.6	0.3	--
W1.2PI	353.3	POW	70	PI-14	No	0.1	0.1	--
W1.3PI	353.3	PEM	148	PI-14	No	0.3	0.2	--
W604	354.2	PEM	245	PI-15	No	0.5	0.3	--
W605	354.4	PEM	553		No	1.1	0.6	--
W606	355.3	PEM	92		No	0.2	0.1	--
W607	355.4	PEM	74		No	0.1	0.1	--
W608	355.6	PEM	352	PI-21	No	0.6	0.4	--
W609	357.3	POW/PEM	293		No	0.6	0.3	--
W609.1	357.5	PEM/PSS	226		Yes	0.4	0.3	--
W610	358.1	PFO	87		No	0.2	0.1	--
W610.1	358.8	PEM/PFO	358		Yes	0.5	0.4	--
W610.2	358.9	PEM	132		No	0.2	0.1	--
W611	359.5	PEM	139		No	0.2	0.2	--
W612	359.7	PSS/PFO	180		No	0.2	0.2	--
W613	360.5	PEM	313		No	0.6	0.4	--
W614	360.7	PFO/PEM	548		No	1.0	0.6	--
W615	360.9	PEM	113		No	0.2	0.1	--
W616	361.1	PEM	162		No	0.4	0.2	--
W617	361.2	PEM	167		No	0.3	0.2	--
W618	361.3	PEM	184		Yes	0.3	0.2	--
W619	361.3	PEM	198		No	0.3	0.2	--
W620	361.8	PEM	100		No	0.2	0.1	--
W621	362.0	PFO/PEM	301		Yes	0.6	0.3	--

Table H1
Wetlands Affected by Construction and Operation of the Millennium Pipeline Project Phase I

Wetland Number	Beginning Milepost	NWI Classification <u>a/</u>	Crossing Length (feet)	NYSDEC Wetland Number	Isolated Wetland <u>b/</u>	Wetlands Affected <u>c/</u>		
						During Construction (acres)	During Operation (acres)	Comments <u>d/</u>
W622	362.1	PEM	162		No	0.4	0.2	--
W623	362.4	PEM	404	WR-27	No	0.9	0.5	--
W624	362.7	PEM/PSS	1,042	WR-27	No	1.7	1.2	--
W626	363.6	PFO/PEM	194		No	0.2	0.2	--
W626.1	364.1	PFO/PEM	137		No	0.3	0.2	--
W627	364.1	PFO/PEM	81		No	0.3	0.1	--
W628	364.2	PSS/PEM	73		No	0.1	0.1	--
W628.1	364.4	PEM/PFO	139		No	0.2	0.1	--
W629	364.6	PFO/PEM	183		No	0.3	0.2	--
W629.1	364.7	PFO/PEM	130		No	0.1	0.1	--
W629.2	364.9	PFO/PEM	62		No	0.1	0.0	--
W629.3	365.1	PEM	269		No	0.3	0.2	--
W631	366.2	PEM	106		No	0.2	0.1	--
W632	366.9	PFO/PEM	589		No	1.0	0.7	--
W633	367.0	PFO/PEM	180		No	0.4	0.2	--
W634	367.4	POW	2,064	SL-3	No	5.0	2.4	--
W634.1	368.3	PEM	239		No	0.1	0.1	E
W634.2	368.6	PEM	42		No	0.0	0.0	E
W635	368.9	PFO/POW/PEM	217		No	0.1	0.1	E
WV106-1	369.6	PEM	60		Yes	0.00	0.07	F
WAR-WJW-03	369.8	POW/PFO	97		No	0.19	0.00	F
WKDR-001	369.9	PFO	293		No	0.00	0.17	F
W639	370.0	PSS/PEM/PFO	462		No	0.97	0.46	F
WAR-WJW-02	0.4	PEM	286		No	0.15	0.00	F
WAR-WJW-01	0.5	PSS	129		No	0.07	0.00	F

Table H1
Wetlands Affected by Construction and Operation of the Millennium Pipeline Project Phase I

Wetland Number	Beginning Milepost	NWI Classification <u>a/</u>	Crossing Length (feet)	NYSDEC Wetland Number	Isolated Wetland <u>b/</u>	Wetlands Affected <u>c/</u>		Comments <u>d/</u>
						During Construction (acres)	During Operation (acres)	
Access Road								
WAR-WJW-03	ARHDD003	POW/PFO	576		No	0.2	0.0	E
Access Road								
WAR-WJW-02	ARHDD003	PEM	333		No	0.2	0.0	E
Access Road								
WAR-WJW-01	ARHDD003	PSS	129		No	0.1	0.0	E
W639	370.0	PSS/PEM/PFO	539		No	0.9	0.5	E
W639.1	370.3	PEM/PFO	211		No	0.2	0.2	E
W639.2	370.8	PEM/PFO	83		No	0.1	0.1	E
W639.3	371.3	PEM/PFO	82		No	0.1	0.0	E
W639.4	371.8	PEM/PFO	57		No	0.0	0.0	E
W639.5	371.9	PEM/PFO	67		No	0.1	0.1	E
W639.6	372.1	PEM/PFO	125		No	0.1	0.1	E
W640	372.4	PEM	130		No	0.1	0.1	E
W641	372.6	PEM/PFO	461		No	0.3	0.3	E
W642	372.8	PEM	143		No	0.2	0.1	E
W643	373.1	PEM	111		No	0.1	0.1	E
W644	373.2	PEM	112		No	0.1	0.0	E
W644.1	373.4	PEM	133		No	0.1	0.1	E
W644.2	373.5	PEM/PFO	213		No	0.2	0.2	E
W644.3	374.4	PEM/PFO	308		No	0.1	0.1	E
W645	374.5	PEM/PFO	614		No	0.9	0.6	E
Access Road								
WAR-GTR-001	AR006 RO	PFO/PEM	42		No	0.0	0.0	E
Access Road								
WAR-GTR-003	AR006 RO	PFO/PEM	144		No	0.1	0.0	E
Access Road								
WAR-WJW-04	AR005RO	PEM	9		No	<0.01	0.0	--

Table H1
Wetlands Affected by Construction and Operation of the Millennium Pipeline Project Phase I

Wetland Number	Beginning Milepost	NWI Classification <u>a/</u>	Crossing Length (feet)	NYSDEC Wetland Number	Isolated Wetland <u>b/</u>	Wetlands Affected <u>c/</u>		
						During Construction (acres)	During Operation (acres)	Comments <u>d/</u>
Total		529 wetlands	115,737 feet 21.9 miles			149.1	97.6	

All totals exclude wetlands within the Ramapo River HDD Variation

<u>a/</u> NWI Classification:	P =	Palustrine
	R =	Riverine
	EM =	Emergent
	FO =	Forest
	SS =	Scrub-shrub
	OW =	Open water
	AB =	Aquatic Bed
	US =	Unconsolidated Shore

b/ Although some wetlands were identified as isolated (non-jurisdictional), the COE had not issued jurisdictional determination letters as of April 1, 2006.

c/ Construction impacts based on a 75-foot-wide right-of-way. Operational impacts based on a 50-foot-wide right-of-way, of which only a 10-foot-wide corridor (centered on the pipeline) would be maintained in an herbaceous state. Trees within 15 feet of the pipeline and greater than 15 feet tall may be selectively cut and removed.

<u>d/</u> Comments:	A =	NYSEG Chemung Variation
	B =	NYSEG Tioga-Brome Variation
	C =	NYSEG Delaware Variation
	D =	Warwick Variation
	E =	Columbia Line A-5 Component
	F =	Ramapo River HDD Variation

Appendix H2

Empire Connector Project

Table H2
Wetlands Affected by Construction and Operation of the Empire Connector Project

Wetland Number	Beginning Milepost	NWI Classification a/	Crossing Length (feet)	NYSDEC Wetland Number	Isolated Wetland b/	Wetlands Affected c/	
						During Construction (acres)	During Operation (acres)
15A	SMP 91.2	PEM	590		No	0.1	0.1
35A	0.0	PSS/PEM	0		No	1.0	0.7
39B	0.3	PFO/PSS/PEM	177		No	0.3	0.2
39A	0.7	PEM	0		No	0.1	0.0
62A	0.8	PFO/PSS/PEM	95		No	0.2	0.1
67A	1.0	PFO/PSS/PEM	0		No	0.0	0.0
77A	3.0	PFO/PEM	36		No	0.1	0.0
80A	3.3	PFO/PEM	0		No	0.0	0.0
80B	3.7	PFO/PSS/PEM	637		No	1.1	0.7
88A	4.3	PFO/PEM	1026	CG-1	Yes	0.8	0.7
95.3A	5.1	PFO/PSS/PEM	696	CG-2	Yes	1.2	0.8
101B	5.7	PFO/PSS	307		No	0.5	0.4
101A	6.1	PFO/PSS/PEM	555		No	1.0	0.6
102A	6.2	PSS	960		No	1.7	1.1
102A-CP	NA	PSS/PEM	0		No	0.2	0.2
111 A	6.4	PFO/PSS/PEM	591		No	1.1	0.7
117A	6.9	PFO/PSS/PEM	417		No	0.6	0.3
120C	7.6	PEM	307		No	0.6	0.4
120B	7.7	PEM	0		NA	0.0	0.0
120A	7.7	PEM	0		NA	0.0	0.0
126A	8.3	PEM	227		Yes	0.4	0.3
131A	8.7	PSS/PEM	0		NA	0.0	0.0
130 A	9.0	PFO/RUS	25		No	0.0	0.0
135B	9.4	PSS/PEM	127		No	0.2	0.1

Table H2
Wetlands Affected by Construction and Operation of the Empire Connector Project

Wetland Number	Beginning Milepost	NWI Classification a/	Crossing Length (feet)	NYSDEC Wetland Number	Isolated Wetland b/	Wetlands Affected c/	
						During Construction (acres)	During Operation (acres)
135A	9.7	PSS/PEM	96		No	0.2	0.1
152A	11.3	PFO	18		No	0.0	0.0
152B	11.3	PSS/PEM	5		No	0.2	0.1
152C	11.4	PEM	91		No	0.1	0.1
156A	11.4	PSS	36		No	0.0	0.0
162A	11.4	PEM	0		NA	0.0	0.0
163A	11.9	PSS	287		Yes	0.3	0.2
173A	12.1	PSS	224		Yes	0.3	0.2
178A	12.3	PSS	186		No	0.3	0.2
181A	12.8	PEM	0		NA	0.0	0.0
186A	13.5	PSS/PEM	197		No	0.3	0.2
190A	14.0	PEM	0		Yes	0.0	0.0
210A	15.7	PSS/PEM	1195		No	2.1	1.4
214A	16.2	PSS	16		Yes	0.0	0.0
218A	16.5	PSS	86		Yes	0.2	0.1
218C	16.6	PEM	409		Yes	0.6	0.5
218B	16.7	PSS	448		Yes	0.4	0.4
222.1 A	17.1	PSS/PEM	16		Yes	0.0	0.0
225A	17.6	PEM	49		Yes	0.1	0.0
233A	18.5	PFO/PEM	0		No	0.0	0.0
232.1C	18.7	PSS	0		No	0.0	0.0
232.1B	18.7	PEM	0		NA	0.0	0.0
232.1D	18.7	OP	0		NA	0.0	0.0
234.1B	18.9	PEM	0		No	0.0	0.0
234.1A	19.1	PSS	0		NA	0.0	0.0
238A	19.3	PSS	117		No	0.2	0.1

Table H2
Wetlands Affected by Construction and Operation of the Empire Connector Project

Wetland Number	Beginning Milepost	NWI Classification a/	Crossing Length (feet)	NYSDEC Wetland Number	Isolated Wetland b/	Wetlands Affected c/	
						During Construction (acres)	During Operation (acres)
235.3A	19.6	PSS	0		No	0.0	0.0
240.1 A	19.6	PSS	321		Yes	0.2	0.0
242.1B	20.1	PSS	184		No	0.3	0.2
242.1A	20.3	RAB	0		No	0.0	0.0
250A	21.0	PSS	545		No	0.9	0.6
262 A	22.5	PFO/PSS	154		No	0.3	0.2
273A	24.1	PSS/PEM	673		Yes	1.1	0.8
275A	24.3	PEM	710		No	1.3	0.8
278.1A	25.0	RUS	108		No	0.2	0.1
281A	25.2	PSS	78		No	0.1	0.1
300A	27.1	PSS	141		Yes	0.3	0.2
301A	27.8	PFO/PEM	616	ST-25	Yes	0.9	0.5
307A	28.8	PEM	0		No	0.4	0.4
307B	28.9	PEM	52		No	0.4	0.4
319.2A	30.5	PFO	0	ST-40	Yes	0.0	0.0
325A	31.6	PFO	0	ST-44	Yes	0.0	0.0
336.1A	32.5	PEM	189		No	0.3	0.2
379 A	40.2	PFO/PEM	0		NA	0.0	0.0
400A	43.9	PEM	115		No	0.2	0.1
409A	46.5	PSS/PEM	43		Yes	0.1	0.1
418A	47.4	PEM	1571		No	2.6	1.8
424A	48.5	PFO	69		No	0.2	0.1
427A	48.9	PFO	37		No	0.1	0.1
435 A	49.6	PFO/PSS	115		No	0.2	0.2
448 A	51.4	PEM	209		No	0.4	0.2

Table H2
Wetlands Affected by Construction and Operation of the Empire Connector Project

Wetland Number	Beginning Milepost	NWI Classification a/	Crossing Length (feet)	NYSDEC Wetland Number	Isolated Wetland b/	Wetlands Affected c/	
						During Construction (acres)	During Operation (acres)
450A	51.8	PEM	128		No	0.3	0.1
451A	51.9	PEM	81		No	0.1	0.1
456B	52.6	PEM	0		NA	0.0	0.0
456C	52.9	PEM	0		No	0.0	0.0
456A	52.9	PFO	0		No	0.0	0.0
456D	53.1	PEM	34		Yes	0.1	0.0
456E	53.1	PSS	154		Yes	0.2	0.1
461 A	53.8	PFO/PEM	82		Yes	0.1	0.1
464 A	54.2	PSS/PEM	105		No	0.2	0.1
466 C	54.6	PFO	0		NA	0.0	0.0
466 B	54.8	PFO	0		No	0.0	0.0
466 A	54.9	PFO	17		No	0.1	0.0
468A	55.3	PEM	97		No	0.2	0.1
471A	55.8	PSS/PEM	62		No	0.1	0.1
478A	56.4	PEM	275		No	0.0	0.0
478.1A	56.5	PEM	359		No	0.6	0.4
481A	56.6	PEM	470		No	1.1	0.5
485 A	57.4	PEM	152		Yes	0.3	0.2
489 A	57.8	PEM	133		Yes	0.2	0.2
495A	58.5	PEM	0		No	0.1	0.1
502A	59.1	PFO/PSS/PEM	1107		No	1.9	1.2
503A	59.3	PFO/PEM	814		No	1.1	0.8
507A	59.5	PEM	332		Yes	0.5	0.4
517A	60.5	PSS/PEM	149		No	0.6	0.3
525A	60.8	PSS/PEM	197		Yes	0.3	0.2

Table H2
Wetlands Affected by Construction and Operation of the Empire Connector Project

Wetland Number	Beginning Milepost	NWI Classification a/	Crossing Length (feet)	NYSDEC Wetland Number	Isolated Wetland b/	Wetlands Affected c/	
						During Construction (acres)	During Operation (acres)
532A	61.0	PSS/PEM	84		No	0.2	0.1
532B	61.2	PSS/PEM	353		No	0.5	0.3
532C	61.3	PSS/PEM	211		No	0.4	0.2
536A	61.6	PEM	0		NA	0.0	0.0
540A	62.1	PSS/PEM	117		No	0.2	0.1
545A	62.7	PEM	35		No	0.1	0.0
552A	63.6	PSS	32		No	0.0	0.0
553A	63.8	PEM	0		No	0.1	0.1
560B	64.5	PEM	70		Yes	0.1	0.1
560A	64.6	PEM	143		No	0.5	0.2
562A	65.2	PFO/PSS/PEM	46		No	0.1	0.1
563A	65.6	PFO/PSS/PEM	25		No	0.1	0.0
563B	65.7	PFO/PSS/PEM	44		No	0.1	0.1
565A	65.9	PEM	0		NA	0.0	0.0
567.1A	66.3	PEM	33		Yes	0.0	0.0
567.1B	66.5	PEM	0		Yes	0.0	0.0
569A	66.9	PEM	0		NA	0.0	0.0
574	67.0	PEM	55		No	0.1	0.1
575A	67.4	PFO/PEM	185		No	0.4	0.2
576B	67.4	PFO/PSS	0		NA	0.0	0.0
576A	67.5	PEM	7		Yes	0.0	0.0
579A	68.2	PFO/PEM	38		Yes	0.1	0.1
581.1A	68.6	PEM	143		No	0.4	0.2

Table H2
Wetlands Affected by Construction and Operation of the Empire Connector Project

Wetland Number	Beginning Milepost	NWI Classification a/	Crossing Length (feet)	NYSDEC Wetland Number	Isolated Wetland b/	Wetlands Affected c/	
						During Construction (acres)	During Operation (acres)
581.1B	68.7	PEM	0		Yes	0.0	0.0
582.1B	68.9	PSS/PEM	55		No	0.1	0.1
582.1A	69.1	PSS/PEM	92		No	0.1	0.1
588A	69.6	PSS/PEM	1757		No	2.8	1.9
588B	69.8	PEM	124		No	0.1	0.1
589A	70.0	PSS/PEM	0		No	0.0	0.0
590 A	70.0	PEM	237		No	0.2	0.2
590 B	70.1	PEM	40		No	0.2	0.1
591/592A	70.3	PSS/PEM	880		No	1.5	1.0
596A	70.6	PSS/PEM	382		No	0.7	0.4
596B	70.8	PFO/PEM	115		No	0.2	0.1
600A	71.6	PEM	38		Yes	0.2	0.1
602A	72.2	PEM	0		No	0.0	0.0
604A	72.4	PEM	0		Yes	0.0	0.0
604B	72.5	PEM	0		Yes	0.0	0.0
605A	72.9	PSS/PEM/OP	63		No	0.1	0.1
622A	75.6	PSS/PEM	433		No	0.7	0.5
624A	75.8	PSS	0		Yes	0.1	0.1
625A	76.0	PEM	0		Yes	0.1	0.1
634B	76.6	PSS/PEM	0		No	0.0	0.0
634A	76.7	PEM	32		Yes	0.0	0.0
Total		144 wetlands		26,796 feet		44.9	30.0
				5.1 miles			

Table H2
Wetlands Affected by Construction and Operation of the Empire Connector Project

Wetland Number	Beginning Milepost	NWI Classification a/	Crossing Length (feet)	NYSDEC Wetland Number	Isolated Wetland b/	Wetlands Affected c/	
						During Construction (acres)	During Operation (acres)
<u>a/ NWI Classification:</u>							
		P =			Palustrine		
		R =			Riverine		
		EM =			Emergent		
		FO =			Forest		
		SS =			Scrub-shrub		
		OW =			Open water		
		AB =			Aquatic Bed		
		US =			Unconsolidated Shore		
<u>b/</u> Although some wetlands were identified as isolated (non-jurisdictional), the COE had not issued jurisdictional determination letters as of April 1, 2006.							
<u>c/</u> Construction impacts based on a 75-foot-wide right-of-way. Operational impacts based on a 50-foot-wide right-of-way, of which only a 10-foot-wide corridor (centered on the pipeline) would be maintained in an herbaceous state. Trees within 15 feet of the pipeline and greater than 15 feet tall may be selectively cut and removed.							

Appendix H3

Algonquin Ramapo Expansion Project

Table H3
Wetlands Affected by Construction and Operation of the Algonquin Ramapo Expansion Project

Wetland Number	Beginning Milepost	NWI Classification a/	Crossing Length (feet)	NYSDEC Wetland Number	Isolated Wetland b/	Wetlands Affected c/	
						During Construction (acres)	During Operation (acres)
W-01-RK-01	0.3	PEM/PSS	1,636		TBD	5.2	TBD
W-01-RK-02	0.7	PEM/PSS	475	TH-28	TBD	1.2	TBD
W-01-RK-06	3.1	PEM/PFO	0		TBD	0.0	TBD
W-01-RK-03	3.3	PEM/PFO	105		TBD	0.1	TBD
W-01-RK-04	3.3	PEM/PFO	158		TBD	0.2	TBD
W-01-RK-07	4.8	PFO/PSS	0		TBD	0.0	TBD
W-01-RK-05	4.9	PEM/PFO	0		TBD	0.0	TBD
Total		7 wetlands				6.7	0.0
			2,374 feet				
			0.4 miles				

a/ NWI Classification:	P =	Palustrine
	R =	Riverine
	EM =	Emergent
	FO =	Forest
	SS =	Scrub-shrub
	OW =	Open water
	AB =	Aquatic Bed
	US =	Unconsolidated Shore

b/ The COE had not issued jurisdictional determination letters as of April 1, 2006.

c/ Construction impacts based on a 100-foot-wide right-of-way. Operational impacts based on a 75-foot-wide right-of-way, of which only a 10-foot-wide corridor (centered on the pipeline) would be maintained in a herbaceous state. Trees within 15 feet of the pipeline and greater than 15 feet tall may be selectively cut and removed.

Appendix H4

**Iroquois MarketAccess Project
(Not Applicable)**

Appendix I

Conformity Analysis and Emission Calculations